

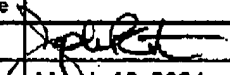
PTO/SB/21 (08-03)

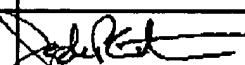
Approved for use through 08/30/2003, OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/720,962	
	Filing Date	November 24, 2003	
	First Named Inventor	Stuart Stephen Papworth PARKIN	
	Art Unit	2811	
	Examiner Name	TBA	
Total Number of Pages in This Submission	7	Attorney Docket Number	ARC920030058US1

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Request For Corrected Filing Receipt (2 pages) Supplemental Application Data Sheet (4 pages)		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Joseph P. Curtin, Registration No. 34,571
Signature	
Date	March 16, 2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Facsimile Transmitted to 703-748-9195 on March 16, 2004, 7 pages.	
Typed or printed name	Joseph P. Curtin, Registration No. 34,571
Signature	
Date	March 16, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Certificate Of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office to telephone number (703) 746-9195 on March 16, 2004.

Respectfully submitted,

By: Joseph P. Curtin
Joseph P. Curtin

Joseph P. Curtin, Reg. No. 34,571

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Stuart Stephen Papworth PARKIN et al.

Group: 2811

Serial No. 10/720,962

Examiner: TBA

Filed: November 24, 2003

**For: MAGNETIC TUNNEL JUNCTION
 WITH IMPROVED TUNNELING
 MAGNETO-RESISTANCE**

Docket No. ARC920030058US1

REQUEST FOR CORRECTED FILING RECEIPT

**Office of Initial Patent Examination's
Filing Receipt Corrections
Commissioner of Patents and Trademarks
Washington, D.C. 20231**

Dear Sir:

Applicants respectfully request a corrected Filing Receipt be issued to correct an error. Specifically, the Atty Docket No. is incorrect. Under the Atty Docket No., please delete "ARC920030077US1" and insert --ARC920030058US1--.

A copy of the first page of the Filing Receipt with the correction marked is attached. A Supplemental Application Data Sheet has also been submitted concurrently with this Request.

Respectfully submitted,

Dated: March 16, 2004

By: Joseph P. Curtin
 Joseph P. Curtin
 Registration No. 34,571
 1469 N.W. Morgan Lane
 Portland, OR 97229-5291
 (503) 296-8373
 (503) 297-0452 (facsimile)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/720,962	11/24/2003	2811	1396	ARC920030077US1	10	50	4

ARC92003005 BUSI CONFIRMATION NO. 5214

35987
 JOSEPH P. CURTIN
 1469 N.W. MORGAN LANE
 PORTLAND, OR 97229

FILING RECEIPT



OC000000012092149

Date Mailed: 03/12/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Stuart Stephen Papworth Parkin, San Jose, CA;
 Mahesh Govind Samant, San Jose, CA;



Assignment For Published Patent Application

International Business Machines Corporation, Armonk, NY;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 03/11/2004

Projected Publication Date: 05/26/2005

Non-Publication Request: No

Early Publication Request: No

Title

Magnetic tunnel junction with improved tunneling magneto-resistance